

A SIXTH SUMMARY OF THE VERBENACEAE, AVICENNIACEAE, STILBACEAE,  
CHLOANTHACEAE, SYMPHOREMACEAE, NYCTANTHACEAE, AND ERIOCAULACEAE  
OF THE WORLD AS TO VALID TAXA, GEOGRAPHIC DISTRIBUTION AND  
SYNONYMY. SUPPLEMENT 3

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The original of this work (629 pp.) was published by me as PHYTOLOGIA MEMOIRS II in 1980 and was based, in part, on the examination of 246,814 herbarium specimens of these groups preserved in 320 private and institutional herbaria. A first supplement was issued on February 24, 1982, in PHYTOLOGIA 50: 233--270, based, in part, on 7,310 additional specimens examined. A second supplement was issued on October 13, 1982, in PHYTOLOGIA 52: 110--129, after the examination of 5,692 additional specimens from 5 additional herbaria. Since then no less than 5,901 additional specimens have come to hand from botanical collectors and museum curators all over the world, and representing another additional herbarium. These have brought to light so many new geographic records and even new taxa, and concomitant literature study by my wife, Alma L. Moldenke, and myself has shown the necessity for so many changes in nomenclature and/or specific delimitations that it seems appropriate to publish this third supplement at this time. For substantiating data please consult my various papers on individual genera in this (and some other) journals.

I. Geographic distribution additions and emendations:

CANADA:

Ontario:

*Verbena stricta* Vent. [Essex County]

UNITED STATES OF AMERICA:

Massachusetts:

*Eriocaulon pellucidum* Michx. [Grand Menan Island]

New York:

*Verbena urticifolia* L. [Sullivan County]

*Verbena urticifolia* var. *leiocarpa* Perry & Fernald [Delaware County]

Maryland:

*Verbena urticifolia* var. *leiocarpa* Perry & Fernald [Calvert County]

North Carolina:

*Eriocaulon decangulare* f. *parviceps* Mold. [Macon County]

Georgia:

*Eriocaulon decangulare* L. [Meriwether County]

Florida:

*Citharexylum fruticosum* var. *villosum* (Jacq.) O. E. Schulz [Big Pine Key]

*Lantana camara* f. *mista* (L.) Mold. [Stock Island]

*Lantana ovatifolia* Britton [Point Losman's Key]

*Lantana ovatifolia* f. *parvifolia* Mold. [Broward & Lee Counties; Anna Maria, Palma Vista, & Paradise Keys]

*Verbena brasiliensis* Vell. [Volusia County]

*Vitex trifolia* var. *variegata* Mold. [Stock Island]

Alabama:

*Eriocaulon decangulare* f. *parviceps* Mold. [McBible County]

Mississippi:

*Verbena bonariensis* L. [Washington County]

*Verbena bracteata* Lag. & Rodr. [Washington County]

*Verbena halei* Small [Washington County]

*Verbena urticifolia* L. [Monroe & Washington Counties]

*Verbena xutha* Lehm. [Washington County]

Ohio:

*Verbena stricta* Vent. [Miami County]

Michigan:

*Verbena hastata* L. [Kalamazoo County]

South Dakota:

*Verbena bipinnatifida* Nutt. [Charles Mix County]

Arkansas:

*Eriocaulon decangulare* L. [Calhoun County]

*Eriocaulon Körnickianum* Van Heurck & Muell.-Arg. [Madison County]

Texas:

*Aloysia gratissima* (Gill. & Hook.) Troncoso [Caldwell County]

*Eriocaulon texense* Körn. [Houston County]

*Vitex agnus-castus* L. [Jasper County]

MEXICO:

*Aegiphila odontophylla* Donn. Sm. [Veracruz]

*Citharexylum hirtellum* Standl. [Quintana Roo]

*Citharexylum mexicanum* Mold. [Jalisco]

*Citharexylum tetramerum* T. S. Brandeg. [San Luis Potosí]

*Cornutia lilacina* var. *velutina* Mold. [Veracruz]

*Duranta repens* f. *serrata* (Mold.) Mold. [Quintana Roo]

*Eriocaulon schippii* Standl. [Tabasco]

*Eriocaulon tepicanum* Mold. [Chiapas]

*Lantana camara* var. *moritziana* f. *parvifolia* (Mold.) López-Palacios [Guerrero, Hidalgo, Nayarit, Sinaloa, Veracruz, & Yucatán]

*Lantana camara* f. *parvifolia* Mold. [Yucatán]

*Lantana chiapasensis* Mold. [Jalisco]

*Lantana dwyeriana* Mold. [Campeche]\*

*Lantana frutilla* Mold. [Durango & Oaxaca]

*Lantana frutilla* var. *velutina* Mold. [México]

*Lantana glandulosissima* f. *parvifolia* Mold. [Durango, Guerrero, Michoacán, Nayarit, & Oaxaca]

*Lantana hintoni* Mold. [Jalisco]

*Lantana hirta* var. *pubescens* Mold. [Yucatán]

*Lantana hispida* H.B.K. [Guerrero]

*Lantana hispida* f. *parvifolia* Mold. [Baja California, Chiapas, Michoacán, Oaxaca, & Veracruz]

- Lantana hispida* var. *ternata* Mold. [Oaxaca]  
*Lantana horrida* H.B.K. [Baja California]  
*Lantana horrida* f. *bracteosa* Mold. [Puebla]\*  
*Lantana horrida* f. *inermis* Mold. [Chiapas, Chihuahua, Guanajuato, Jalisco, Puebla, & Veracruz]  
*Lantana involucrata* var. *odorata* (L.) Mold. [Yucatán]  
*Lantana macropoda* f. *parvula* Mold. [Tamaulipas]  
*Lantana mollis* Grah. [Sinaloa]  
*Lantana montevidensis* (Spreng.) Briq. [Puebla]  
*Lantana notha* Mold. [Chiapas & Nayarit]  
*Lantana urticoides* f. *macrophylla* Mold. [Sinaloa]  
*Lantana velutina* f. *albifruca* Mold. -- delete the asterisk  
*Lantana velutina* f. *violacea* Mold. [Baja California & Yucatán]  
*Lippia graveolens* f. *microphylla* Mold. [Baja California]  
*Lippia mcvaughii* Mold. [Oaxaca]  
*Vitex mollis* f. *iltisii* Mold. [Guerrero, Jalisco, & Oaxaca]\*

## YUCATÁN ISLANDS:

- Lantana camara* var. *aculeata* (L.) Mold. [Cozumel]  
*Lantana involucrata* var. *odorata* (L.) Mold. [Holbox]

## GULF OF CALIFORNIA ISLANDS:

- Lantana hispida* f. *parvifolia* Mold. [Piedra]  
*Lippia palmeri* S. Wats. [Partida]

## GUATEMALA:

- Aegiphila deppeana* Steud. [Puntarenas]  
*Ghinia curassavica* (L.) Oken [Huehuetenango]  
*Lantana costaricensis* Hayek [Alta Verapaz]  
*Lantana hispida* f. *parvifolia* Mold. [Sacatepéquez]  
*Lantana trifolia* f. *oppositifolia* Mold. [Alta Verapaz]  
*Lantana velutina* Mart. & Gal. [El Progreso]  
*Lantana velutina* f. *violacea* Mold. [Amatitlan & Izabal]  
*Phyla nodiflora* var. *longifolia* Mold. [Amatitlan]

## BELIZE:

- Citharexylum caudatum* f. *parvifolium* Mold.  
*Lantana camara* L.  
*Phyla nodiflora* var. *texensis* Mold.

## HONDURAS:

- Avicennia germinans* (L.) L. [Colón]  
*Citharexylum caudatum* L. [Colón]  
*Citharexylum hirtellum* Standl. [San Marcos]  
*Lantana camara* f. *flava* (Medic.) Mold. [Atlántida & Colón]  
*Lantana trifolia* L. [Colón]  
*Lantana trifolia* f. *oppositifolia* Mold. [Colón]  
*Lantana velutina* f. *violacea* Mold. [Ccmayagua]  
*Petrea volubilis* L. [Colón]

## EL SALVADOR:

- Lantana camara* f. *mista* (L.) Mold. [San Miguel]  
*Lantana camara* var. *moritziana* (Otto & Dietr.) López-Palacios  
*Lantana camara* var. *moritziana* f. *parvifolia* (Mold.) López-Palacios [Sonsonate]  
*Lantana camara* f. *parvifolia* Mold. [San Miguel]  
*Lantana glandulosissima* Hayek [San Vicente]

*Lantana glandulosissima* f. *parvifolia* Mold. [La Unión & San Salvador]

*Lantana hispida* H.B.K. [San Vicente]

*Lantana notha* Mold. [Ahuachapán & San Salvador]

NICARAGUA:

*Aegiphila elata* Sw. [Jinotega]

*Aegiphila magnifica* Mold. [Boaca]

*Aegiphila monstrosa* Mold. [Zelaya]

*Aegiphila panamensis* Mold. [Estelí & Granada]

*Bouchea prismatica* var. *longirostra* Grenz. [Estelí]

*Citharexylum caudatum* L. [Palmeta Key]

*Citharexylum mocinni* f. *williamsii* Mold. [Jinotega]

*Cornutia lilacina* var. *velutina* Mold. [Granada]

*Lantana camara* var. *moritziana* (Otto & Dietr.) López-Palacios [Chinandega, Estelí, & Granada]

*Lantana camara* var. *moritziana* f. *parvifolia* (Mold.) López-Palacios [León & Matagalpa]

*Lantana glandulosissima* f. *albiflora* Mold. [Madriz]

*Lantana glandulosissima* f. *parvifolia* Mold. [Boaco, Estelí, Madriz, & Managua]

*Lantana hirta* f. *caerulea* Mold. [Estelí]

*Lantana notha* Mold. [Managua]

*Lantana trifolia* L. [Estelí & Madriz]

*Lantana trifolia* f. *albiflora* Mold. [Jinotega]

*Lantana trifolia* f. *hirsuta* Mold. [Nueva Segovia]

*Lantana velutina* Mart. & Gal. [Madriz]

*Lantana velutina* f. *albifructa* Mold. [Estelí]

*Lantana velutina* f. *macrophylla* Mold. [Matagalpa]

*Lantana velutina* f. *violacea* Mold. [Madriz & Masaya]

*Lippia cardiostegia* Benth. [León]

*Lippia chiapasensis* Loes. [Madriz]

*Lippia myriocephala* var. *hypoleia* (Briq.) Mold. [Estelí & Jinotega]

*Phyla nodiflora* (L.) Greene [Zelaya]

*Phyla scaberrima* (A. L. Juss.) Mold. [Nueva Segovia]

*Phyla stoechadifolia* (L.) Small [Chontales & Matagalpa]

*Phyla strigulosa* var. *sericea* (Kuntze) Mold. [Estelí]

*Priva lappulacea* (L.) Pers. [Managua, Nueva Segovia, & Zelaya]

*Priva lappulacea* f. *albiflora* Mold. [Nueva Segovia]

*Rehdera trinervis* (Blake) Mold. [Estelí]

*Rehdera trinervis* f. *mollicella* (Standl. & Mold.) Mold. [Estelí & León]

*Verbena litoralis* H.B.K. [Madriz & Nueva Segovia]

COSTA RICA:

*Clerodendrum epiphyticum* Standl. -- to be deleted

*Eriocaulon schippii* Standl. [Puntarenas]

*Lantana camara* var. *moritziana* f. *parvifolia* (Mold.) López-Palacios [Cartago & San José]

*Lantana hirta* f. *caerulea* Mold. [San José]

*Lantana hirta* var. *pubescens* Mold. [San José]

*Lantana trifolia* f. *hirsuta* Mold. [Cartago]

*Lippia liberiensis* Mold. -- delete the asterisk  
*Priva lappulacea* f. *albiflora* Mold. [Puntarenas]

## PANAMA:

*Aegiphila anomala* Pittier [Veraguas]  
*Aegiphila hoehnei* var. *spectabilis* Mold. [Colón]  
*Aegiphila laevis* (Aubl.) Gmel. [Panamá]  
*Avicennia bicolor* Standl. [Los Santos; Poao Island]  
*Avicennia germinans* (L.) L. [Pcái Island]  
*Citharexylum hirtellum* var. *guatemalense* Mold. [Chiriquí]  
*Citharexylum spinosum* L. [Colón]  
*Clerodendrum epiphyticum* Standl. -- to be deleted  
*Lantana camara* var. *moritziana* f. *parvifolia* (Mold.) López-Palacios [Canal Zone & San Blas]  
*Lantana glandulosissima* var. *grandis* Mold. [Canal Zone & Colón]  
*Lantana hirta* var. *pubescens* Mold. [Chiriquí]  
*Lantana hispida* f. *parvifolia* Mold. [Coclé, Panamá, & Veraguas]  
*Lantana trifolia* f. *oppositifolia* Mold. [Colón]  
*Lippia liberiensis* Mold. [Veraguas]  
*Phyla nodiflora* var. *longifolia* Mold. [Veraguas; Colón Island]  
*Stachytarpheta cayennensis* (L. C. Rich.) Vahl [Chiriquí]  
*Stachytarpheta jamaicensis* (L.) Vahl [Veraguas]

## TABOGA ISLAND:

*Lantana camara* var. *moritziana* (Otto & Dietr.) López-Palacios

## PEARL ISLANDS:

*Stachytarpheta cayennensis* f. *purpurea* Mold. [Ray]\*  
*Stachytarpheta guatemalensis* Mold. [Salaga]

## CUBA:

*Citharexylum caudatum* f. *parvifolium* Mold. [Pinar del Río]  
*Phyla strigulosa* var. *sericea* (Kuntze) Mold. [Las Villas]  
*Syngonanthus insularis* Mold. [Pinar del Río]  
*Syngonanthus lagopodioides* f. *minor* Mold. [Pinar del Río]

## ISLA DE PINOS:

*Lantana arida* Britton  
*Syngonanthus lagopodioides* f. *minor* Mold.

## CAYMAN ISLANDS:

*Clerodendrum aculeatum* (L.) Schlecht. [Grand Cayman]

## JAMAICA:

*Citharexylum fruticosum* var. *smallii* Mold.

## HISPANIOLA:

*Lantana ciferriana* Ekm. & Mold. -- delete the asterisk  
*Lantana involucrata* f. *rubella* Mold. [Haiti]  
*Petrea volubilis* L. [Dominican Republic]  
*Priva lappulacea* f. *albiflora* Mold. [Dominican Republic]

## HISPANIOLAN OFFSHORE ISLANDS:

*Lantana ciferriana* Ekm. & Mold. [Cabritos]

## PUERTO RICO:

*Clerodendrum wallichii* Merr.  
*Priva lappulacea* f. *albiflora* Mold.

## PUERTO RICAN OFFSHORE ISLANDS:

*Citharexylum fruticosum* L. [Cabras]

- Lantana involucrata* L. [Icacos]
- VIRGIN ISLANDS:  
*Duranta repens* f. *integrifolia* (Tod.) Mold. [St. Croix]  
*Holmskioldia sanguinea* Retz. [St. John]
- LEEWARD ISLANDS:  
*Citharexylum fruticosum* L. [Désirade]  
*Citharexylum spinosum* L. [Désirade & Marie Galante]  
*Lantana involucrata* f. *kuhnholtziana* Stehlé [Petite Terre]\*  
*Lantana involucrata* f. *nivea* Stehlé -- to be deleted  
*Priva lappulacea* f. *albiflora* Mold. [Guadeloupe]  
*Stachytarpheta jamaicensis* (L.) Vahl [Saba]
- WINDWARD ISLANDS:  
*Phyla nodiflora* var. *antillana* Mold. [Barbados]
- TRINIDAD & TOBAGO:  
*Lantana lockhartii* (Griseb.) D. Don [Charcachacare]  
*Stachytarpheta jamaicensis* f. *atrocoerulea* Mold. [Trinidad]
- SOUTHERN NETHERLANDS ANTILLES:  
*Lantana arida* Britton [Curaçao]  
*Lantana arubensis* Mold. [Bonaire]  
*Lantana camara* var. *moritziana* f. *parvifolia* (Mold.) Mold.  
 [Aruba]  
*Stachytarpheta jamaicensis* f. *atrocoerulea* Mold. [Bonaire]
- NORTHERN SOUTH AMERICAN ISLANDS:  
*Citharexylum caudatum* f. *parvifolium* Mold. [Providencia]  
*Lantana involucrata* var. *odorata* (L.) Mold. [San Andres]  
*Stachytarpheta jamaicensis* f. *atrocoerulea* Mold. [Margarita &  
 San Andres]
- SWAN ISLANDS:  
*Lantana involucrata* L. [Great Swan]
- COLOMBIA:  
*Aegiphila mollis* var. *longifolia* (Turcz.) López-Palacios  
 [Valle]  
*Aegiphila novogranatensis* Mold. [Nariño]  
*Aegiphila novogranatensis* f. *grandifolia* Mold. [Cundinamarca]  
*Aegiphila peruviana* Turcz. -- to be deleted  
*Aegiphila peruviana* var. *oblongifolia* (Rusby) Mold. [Bolívar]  
*Citharexylum karsteni* var. *lanceolatum* Mold. [Boyacá]  
*Citharexylum sulcatum* Mold. [Boyacá]  
*Eriocaulon microcephalum* H.B.K. -- delete "Magdalena"  
*Eriocaulon spruceanum* Körn. [Meta]  
*Lantana colombiana* López-Palacios [Antioquia]  
*Lantana trifolia* L. [Caquetá]  
*Lantana trifolia* f. *hirsuta* Mold. [Nariño]  
*Lippia alba* f. *intermedia* Mold. [Amazonas]  
*Lippia americana* L. [Boyacá]  
*Paepalanthus andicola* Körn. [Santander & Valle]  
*Paepalanthus fasciculatus* f. *içanensis* Herzog [Vaupés]  
*Paepalanthus fasciculatus* f. *tenellus* Herzog [Vaupés]  
*Paepalanthus meridensis* Klotzsch [Norte de Santander]  
*Paepalanthus pauperimus* Herzog [Vaupés]  
*Petrea algentryi* Mold. [Chocó]\*

*Petrea colombiana* Mold. [Amazonas]  
*Priva lappulacea* f. *albiflora* Mold. [Atlántico]  
*Stachytarpheta canescens* H.B.K. [Antioquia]  
*Stachytarpheta jamaicensis* f. *atrocoerulea* Mold. [Cundinamarca]  
*Syngonanthus caulescens* var. *hatschbachii* Mold. [Meta]  
*Syngonanthus xeranthemoides* (Bong.) Ruhl. [Meta]  
*Tonina fluviatilis* f. *parvifolia* Mold. [Chocó]

## VENEZUELA:

*Aegiphila glandulifera* var. *paraënsis* Mold. [Amazonas]  
*Aegiphila lewisiana* Mold. [Guárico, Portuguesa, & Táchira]  
*Aegiphila macrantha* Ducke [Delta Amacuro]  
*Aegiphila mollis* var. *intermedia* Mold. [Zulia]  
*Aegiphila novogranatensis* Mold. [Trujillo]  
*Aegiphila perplexa* Mold. [Sucre]  
*Citharexylum karsteni* Mold. [Mérida]  
*Eriocaulon klotzschii* f. *proliferum* (Mold.) Mold. --to be deleted  
*Eriocaulon spruceanum* Körn. [Amazonas]  
*Lantana armata* Schau. [Anzoátegui]  
*Lantana camara* var. *moritziana* f. *parvifolia* (Mold.) López-Palacios [Apure]  
*Lantana trifolia* f. *hirsuta* Mold. [Trujillo]  
*Leiosthrix amazonica* Mold. [Bolívar]  
*Leiosthrix flavescens* var. *chimantensis* Mold. [Bolívar]\*  
*Leiosthrix marahuacensis* Mold. [Amazonas]\*  
*Leiosthrix mucronata* var. *glabra* Mold. [Bolívar]\*  
*Lippia micromera* Schau. [Anzoátegui]  
*Paepalanthus andicola* var. *villosus* Mold. [Mérida]  
*Paepalanthus apacarensis* var. *humilis* Mold. [Bolívar]\*  
*Paepalanthus barkleyi* Mold. [Mérida]  
*Paepalanthus convexus* var. *major* Mold. [Bolívar]  
*Paepalanthus duidae* var. *parvifolius* Mold. [Amazonas]\*  
*Paepalanthus fasciculatus* f. *içanensis* Herzog [Amazonas & Bolívar]  
*Paepalanthus fraternus* var. *chimantensis* Mold. [Bolívar]\*  
*Paepalanthus fulgidus* var. *zuloagensis* Mold. [Bolívar]  
*Paepalanthus kunhardtii* Mold. [Bolívar]  
*Paepalanthus meridensis* Klotzsch [Trujillo]  
*Petrea pubescens* f. *albicalyx* Mold. [Táchira & Trujillo]\*  
*Phyla betulaefolia* (H.B.K.) Greene [Portuguesa]  
*Stachytarpheta angustissima* Mold. [Bolívar]  
*Stachytarpheta dichotoma* (Ruiz & Pav.) Vahl [Monagas]  
*Stachytarpheta jamaicensis* f. *atrocoerulea* Mold. [Delta Amacuro & Sucre]  
*Stachytarpheta roraimensis* var. *pubescens* Mold. [Bolívar]  
*Syngonanthus caulescens* var. *bellohorizontinus* Alv. Silv. [Amazonas]  
*Syngonanthus caulescens* var. *hirsutus* Mold. [Bolívar]\*  
*Syngonanthus caulescens* f. *longifolius* Mold. [Guárico]  
*Syngonanthus caulescens* var. *proliferus* Mold. [Bolívar]  
*Syngonanthus densus* (Körn.) Ruhl. [Bolívar]  
*Syngonanthus drouetii* var. *parviceps* Mold. [Amazonas]\*  
*Syngonanthus fertilis* (Körn.) Ruhl. [Bolívar]

- Syngonanthus fertilis* var. *glandulosus* (Gleason) Mold. [Amazonas]  
*Syngonanthus gracilis* var. *aureus* Ruhl. [Bolívar & Guárico]  
*Syngonanthus gracilis* var. *hirtellus* (Steud.) Ruhl. [Guárico]  
*Syngonanthus gracilis* var. *tenuissimus* Ruhl. [Anzoátegui]  
*Syngonanthus heteropeplodes* Herzog [Bolívar]  
*Syngonanthus humboldtii* (Kunth) Ruhl. [Bolívar]  
*Syngonanthus macrocaulon* Ruhl. [Amazonas]  
*Syngonanthus nitens* (Bong.) Ruhl. [Amazonas]  
*Syngonanthus simplex* (Miq.) Ruhl. [Guárico]  
*Syngonanthus xeranthemoides* var. *alpinus* Mold. [Bolívar]\*  
*Vitex capitata* f. *albiflora* Mold. [Apure]

## GUYANA:

- Aegiphila amazonica* Mold. -- to be deleted  
*Clerodendrum rusbyi* Mold.  
*Syngonanthus macrocaulon* Ruhl.

## SURINAM:

- Paepalanthus fasciculatus* f. *sphaerocephalus* Herzog  
*Paepalanthus polytrichoides* var. *glaber* Mold.  
*Stachytarpheta jamaicensis* f. *atrocoerulea* Mold.  
*Vitex triflora* var. *coriacea* Huber

## ECUADOR:

- Aegiphila novogranatensis* Mold. [Esmeraldas]  
*Aegiphila novogranatensis* f. *grandifolia* Mold. [Esmeraldas]  
*Aloysia scorodonioides* var. *detonsa* (Briq.) Mold. [Imbabura]  
*Aloysia scorodonioides* var. *orbicularis* Mold. [Loja]  
*Citharexylum gentryi* Mold. [Guayas]  
*Lantana fiebrigii* Hayek [Tungurana]  
*Lippia lojensis* Mold. [Loja]\*  
*Verbena litoralis* H.B.K. [Mcreno-Santiago]

## PERU:

- Aegiphila amazonica* Mold. -- to be deleted  
*Aegiphila glabrata* f. *macrophylla* Mold. [Loreto]\*  
*Duranta coriacea* Hayek [Piura]  
*Duranta pseudorepens* Mold. [Cajamarca]  
*Duranta rupestris* Hayek [Puno]  
*Duranta sprucei* Briq. [Cajamarca]  
*Lantana cujabensis* Schau. [Cajamarca & Pasco]  
*Lantana maxima* Hayek [Cajamarca]  
*Lantana scabiosaeflora* H.B.K. [Moquegua]  
*Lantana svensonii* f. *albiflora* Mold. [Cajamarca]  
*Lippia alba* (Mill.) N. E. Br. [Pasco]  
*Lippia americana* f. *hyptoides* (Benth.) Mold. [Lambayeque]  
*Paepalanthus stuebelianus* Ruhl. [Piura]  
*Petrea rivularis* Mold. [Loreto]  
*Stachytarpheta cayennensis* (L. C. Rich.) Vahl [Cajamarca & Madre de Díos]  
*Verbena weberbaueri* Hayek [Cajamarca]  
*Vitex klugii* Mold. [Pasco]  
*Vitex triflora* Vahl [Madre de Díos]

## BRAZIL:

- Aegiphila amazonica* Mold. -- to be deleted  
*Aegiphila crenata* Mold. [Gcids]



- Aegiphila paraguariensis* Briq. [Roraima]  
*Aegiphila salticola* Mold. [Amazonas]  
*Aloysia virgata* (Ruiz & Pav.) A. L. Juss. [Maranhão]  
*Aloysia virgata* var. *elliptica* (Briq.) Mold. [Rio de Janeiro]  
*Avicennia schaueriana* f. *candicans* Mold. [Alagoas]  
*Bouchea chascanoides* Mold. [Bahia]  
*Casselia chamaedryfolia* Cham. [Maranhão]  
*Citharexylum myrianthum* var. *bahiense* Mold. [Bahia]\*  
*Clerodendrum rusbyi* Mold. -- delete the asterisk  
*Duranta vestita* var. *glabrescens* Mold. [Paraná]  
*Eriocaulon guyanense* K&Rn. [Amazónas]  
*Eriocaulon palludicola* Alv. Silv. [Minas Gerais]\* orig. spell.  
*Eriocaulon spruceanum* f. *fluitans* Herzog [Amapá]  
*Eriocaulon tenuifolium* f. *viviparum* Mold. -- delete the asterisk  
*Ghinia spicata* (Aubl.) Mold. [Alagoas]  
*Lantana achyranthifolia* Desf. [Minas Gerais]  
*Lantana aristata* var. *angustifolia* (Kuntze) Mold. [Distrito Federal]  
*Lantana bahiensis* Turcz. [Redonda Island]  
*Lantana camara* var. *moritziana* (Otto & Dietr.) López-Palacios [Distrito Federal]  
*Lantana camara* f. *parvifolia* Mold. [Santa Catarina]  
*Lantana canescens* f. *parvifolia* Mold. [Pará]\*  
*Lantana canescens* f. *pluripedunculata* Mold. [Rio de Janeiro]  
*Lantana hypoleuca* Schau. [Distrito Federal]  
*Lantana lundiana* Schau. [Distrito Federal & Goiás]  
*Lantana maxima* Hayek [Pará]  
*Lantana pohliana* Schau. [Rio Grande do Norte]  
*Lantana punctulata* Mold. [Alagoas]  
*Lantana tiliaefolia* Cham. [Distrito Federal]  
*Lantana triplinervia* Turcz. [Distrito Federal]  
*Lantana triplinervia* f. *armata* Mold. [Rio de Janeiro]  
*Lantana undulata* Schrank [João da Cunha Island]  
*Lantana viscosa* Pohl [Espírito Santo]  
*Leiosthix amazonica* Mold. -- delete the asterisk  
*Leiosthix flavescens* (Bong.) Ruhl. [Distrito Federal]  
*Lippia alba* f. *intermedia* Mold. [Amazónas & Rio de Janeiro]  
*Lippia elegans* Cham. [Distrito Federal]  
*Lippia glandulosa* Schau. [Goiás]  
*Lippia gracilis* Schau. [Distrito Federal]  
*Lippia lasiocalycina* Cham. [Distrito Federal]  
*Lippia organoides* H.B.K. [Minas Gerais]  
*Lippia rotundifolia* var. *cordata* Mold. [Distrito Federal]\*  
*Paepalanthus argenteus* var. *viridis* Mold. [Minas Gerais]\*  
*Paepalanthus capanemae* Alv. Silv. [Rio de Janeiro]  
*Paepalanthus capillaris* (Bong.) K&Rn. [Distrito Federal]  
*Paepalanthus elongatus* var. *glabrescens* Mold. [Distrito Federal]  
*Paepalanthus formosus* Mold. [Amazónas]  
*Paepalanthus fulgidus* var. *zuloagensis* Mold. --delete the "\*"   
*Paepalanthus glaziovii* Ruhl. [Goiás]  
*Paepalanthus longicaulis* var. *glaber* Mold. -- to be deleted

- Paepalanthus macropodus* var. *glaber* (Mold.) Mold. [Bahia & Minas Gerais]  
*Paepalanthus polytrichoides* var. *glaber* Mold. [Roraima]  
*Paepalanthus pullus* K&H. [Pará]  
*Paepalanthus saxicola* K&H. [Mato Grosso]  
*Paepalanthus speciosus* var. *goyazensis* Mold. [Distrito Federal & Goiás]\*  
*Stachytarpheta chamissonis* var. *longipetiolata* Mold. [Goiás]\*  
*Stachytarpheta dichotoma* (Ruiz & Pav.) Vahl [Mato Grosso]  
*Stachytarpheta gesnerioides* var. *simplex* (Hayek) Mold. [Distrito Federal]  
*Stachytarpheta jamaicensis* f. *atrocoerulea* Mold. [Espírito Santo & Mato Grosso]  
*Stachytarpheta laevis* Mold. [Rio de Janeiro]  
*Stachytarpheta maximiliani* var. *glabrata* Schau. [Alagoas]  
*Stachytarpheta schottiana* var. *angustifolia* Mold. [Rio de Janeiro]\*  
*Syngonanthus arenarius* var. *heterophyllus* (K&H.) Ruhl. [Amazônas]  
*Syngonanthus aurifibratus* Alv. Silv. [Rio de Janeiro]  
*Syngonanthus caulescens* var. *bellohorizontinus* Alv. Silv. -- delete the asterisk  
*Syngonanthus caulescens* var. *gardnerianus* Mold.\*  
*Syngonanthus caulescens* var. *hatschbachii* Mold. [Distrito Federal, Paraná, Rio Grande do Sul, Santa Catarina, & São Paulo] -- delete the asterisk  
*Syngonanthus caulescens* var. *proliferus* Mold. -- delete the asterisk  
*Syngonanthus elegans* (Bong.) Ruhl. [Amazônas]  
*Syngonanthus elegantulus* var. *glabrifolius* Mold. [Amazônas]\*  
*Syngonanthus glandulosus* f. *epapillosus* (Mold.) Mold. [Roraima]  
*Syngonanthus gracilis* var. *tenuissimus* Ruhl. [Rio de Janeiro]  
*Syngonanthus heterophyllus* Alv. Silv. [Rio de Janeiro]  
*Syngonanthus leprieuri* (K&H.) Ruhl. [Amazônas]  
*Syngonanthus longipes* Gleason [Distrito Federal]  
*Syngonanthus nitens* f. *pilosus* Mold. [Amazônas]  
*Syngonanthus xeranthemoides* (Bong.) Ruhl. [Amazônas & Rondônia]  
*Syngonanthus xeranthemoides* f. *brevifolius* Mold. [Rio de Janeiro]  
*Syngonanthus xeranthemoides* var. *confusus* (K&H.) Mold. [Goiás]  
*Tonina fluviatilis* f. *parvifolia* Mold. -- delete the asterisk  
*Verbena tenuisecta* f. *rubella* Mold. [Mato Grosso]  
*Vitex polygama* var. *warmingii* Mold. [Rondônia]
- BOLIVIA:**  
*Aegiphila buchtienii* Mold. [El Beni]  
*Aegiphila peruviana* Turcz. -- to be deleted  
*Aegiphila peruviana* var. *oblongifolia* (Rusby) Mold. [El Beni]  
*Aloysia boliviensis* Mold. [La Paz]\*  
*Aloysia virgata* (Ruiz & Pav.) A. L. Juss. [El Beni]  
*Lantana cujabensis* f. *scabrifolia* Mold. [El Beni]  
*Priva boliviana* Mold. [El Beni]

*Vitex pseudolea* Rusby [El Beni]

PARAGUAY:

*Syngonanthus caulescens* var. *hatschbachii* Mold.

URUGUAY:

*Lippia coarctata* Troncoso\*

LIBERIA:

*Clerodendrum umbellatum* f. *scandens* (P. Beauv.) Mold.

BURUNDI:

*Eriocaulon strictum* Milne-Redhead

*Lantana camara* f. *mutabilis* (Hook.) Mold.

SOUTH AFRICA:

*Vitex trifolia* var. *subtrisecta* (Kuntze) Mold. [Natal]

COMORO ISLANDS:

*Premna obtusifolia* R. Br. [Cosmoledo]

IRAN:

*Verbena rigida* Spreng.

PAKISTAN:

*Caryopteris foetida* (D. Don) Thellung [Northwestern States]

*Caryopteris grata* Benth. -- to be deleted

*Caryopteris odorata* (Hamilt.) B. L. Robinson [Baluchistan,  
Hazara, Lahore, Rawalpindi, Swat, & West Punjab]

*Caryopteris paniculata* C. B. Clarke [Northwestern States]

*Verbena tenuisecta* f. *rubella* Mold. [Rawalpindi]

NEPAL:

*Caryopteris foetida* (D. Don) Thellung

*Caryopteris grata* Benth. -- to be deleted

*Clerodendrum lasiocephalum* C. B. Clarke

*Eriocaulon xeranthemum* Heyne -- not "Mart."

INDIA:

*Caryopteris foetida* (D. Don) Thellung [Assam, East Kashmir,  
Sikkim, & Uttar Pradesh]

*Caryopteris grata* Benth. -- to be deleted

*Caryopteris odorata* f. *albiflora* (Voigt) Mold. [East Punjab  
& Uttar Pradesh]

*Eriocaulon collinum* var. *nanum* Mold. [Maharashtra]

*Eriocaulon minutum* Lam. [Gujarat]

*Eriocaulon xeranthemum* Heyne -- not "Mart."

*Gmelina arborea* Rox. [Bombay Island]

*Gmelina arborea* f. *juv. dentata* Mold. [Siwalik & Jaunsar]

BANGLADESH:

*Eriocaulon xeranthemum* Heyne -- not "Mart."

BURMA:

*Clerodendrum colebrokianum* var. *henryanum* Mold. [Upper Burma]

*Eriocaulon xeranthemum* Heyne -- not "Mart."

*Petrea volubilis* L. [Tenasserim]

*Vitex urceolata* C. B. Clarke [Karenni]

CHINA:

*Caryopteris parvifolia* Batalin -- to be deleted

*Clerodendrum colebrokianum* Walp. -- to be deleted

*Clerodendrum colebrokianum* var. *henryanum* Mold. [Anhui &  
Yunnan]

*Eriocaulon alpestre* Hook. f. & Thoms. [Hupeh]

*Eriocaulon robustius* (Maxim.) Mak. [Hupeh]

CHINESE COASTAL ISLANDS:

*Caryopteris incana* (Thunb.) Miq. [Amoy]

THAILAND:

*Clerodendrum colebrokianum* var. *henryanum* Mold.

*Eriocaulon xeranthemum* Heyne -- not "Mart."

LAOS:

*Eriocaulon nanellum* var. *laosense* Satake -- to be deleted

*Eriocaulon nepalense* var. *laosense* Satake\*

MALAYA:

*Clerodendrum fastigiatum* (Hunter) H. J. Lam [Prince of Wales Island]

*Clerodendrum inerme* (L.) Gaertn. [Prince of Wales Island]

*Gmelina asiatica* L. [Malacca, Negri Sembilan, Perak, Prince of Wales Island, & Trengganu]

*Premna cordifolia* Roxb. [Prince of Wales Island]

*Vitex gamosepala* W. Griff. [Johore]

PHILIPPINE ISLANDS:

*Vitex glabrata* var. *bombacifolia* (Wall.) Mold. [Mindanao]

*Vitex trifolia* var. *simplicifolia* Cham. [Camiguin]

GREATER SUNDA ISLANDS:

*Eriocaulon australe* R. Br. [Sumatra]

*Eriocaulon xeranthemum* Heyne -- not "Mart."

*Teijsmanniodendron bogoriense* var. *pentaphyllum* Mold. [Sumatra]

*Vitex velutina* (Koord. & Val.) Koord. [Kambangan]

MOLUCCA ISLANDS:

*Avicennia alba* Blume -- to be deleted

*Avicennia alba* var. *latifolia* Mold. [Ceram]

GILBERT ISLANDS:

*Premna obtusifolia* R. Br. [Aonteuma]

AUSTRALIA:

*Dicrastylis exsuccosa* var. *tomentosa* f. *lachnophylla* Munir  
[Western Australia]

*Eriocaulon hooperae* Mold. [Western Australia]\*

CULTIVATED:

*Aloysia looseri* Mold. [Brazil]

*Aloysia polystachya* (Griseb.) Mold. [Costa Rica]

*Aloysia triphylla* (L'Hér.) Britton [Turkey]

*Aloysia virgata* var. *elliptica* (Briq.) Mold. [Thailand]

*Avicennia alba* Blume [Texas]

*Avicennia alba* var. *latifolia* Mold. [Texas]

*Avicennia bicolor* Standl. [Texas]

*Avicennia eucalyptifolia* Zipp. [Texas]

*Avicennia germinans* (L.) L. [Texas]

*Avicennia germinans* var. *guayaquilensis* (H.B.K.) Mold. [Texas]

*Avicennia marina* var. *resinifera* (Forst. f.) Bakh. [Texas]

*Avicennia marina* var. *rumphiana* (H. Hallier) Bakh. [Texas]

*Avicennia tonduzii* Mold. [Texas]

*Callicarpa longifolia* Lam. [Michigan]

*Caryopteris xclandonensis* Simmonds [California, District of Columbia, Netherlands, & Washington]

*Caryopteris foetida* (D. Don) Thellung [Burma & England]

- Caryopteris grata* Benth. -- to be deleted  
*Caryopteris incana* (Thunb.) Miq. [Bulgaria & Hungary]  
*Caryopteris incana* f. *nana* (Dreer) Mold. [Japan & Pennsylvania]  
*Caryopteris incana* f. *superba* (Dreer) Mold. [Netherlands]  
*Caryopteris mongholica* Bunge [France & Ireland]  
*Caryopteris odorata* f. *albiflora* (Voigt) Mold. -- delete the asterisk  
*Citharexylum oleinum* (Benth.) Mold. [California]  
*Clerodendrum colebrokianum* Walp. [Mexico]  
*Clerodendrum indicum* (L.) Kuntze [Trinidad]  
*Clerodendrum trichotomum* Thunb. [Oregon]  
*Duranta repens* L. [Turkey]  
*Gmelina arborea* Roxb. [Cuba, Dominican Republic, Fiji Islands, Kenya, Malaya, Nicaragua, Puerto Rico, Sabah, Solomon Islands, South Africa, & Tanganyika]  
*Gmelina elliptica* J. E. Sm. [China]  
*Gmelina leichhardtii* (F. Muell.) F. Muell. [Kenya & South Africa]  
*Gmelina philippensis* Cham. [Trinidad & Zimbabwe]  
*Holmskioldia tettensis* (Klotzsch) Vatke [Puerto Rico & St. Croix]  
*Lantana camara* L. [Turkey]  
*Lantana camara* f. *flava* (Medic.) Mold. [Maryland]  
*Lantana camara* f. *mista* (L.) Mold. [Maryland]  
*Lantana fiebrigii* Hayek [Peru]  
*Lantana glutinosa* Poepp. [Peru]  
*Lantana hispida* H.B.K. [El Salvador]  
*Lantana montevidensis* (Spreng.) Briq. [Arizona]  
*Lantana velutina* f. *violacea* Mold. [Arizona]  
*Lippia alba* (Mill.) N. E. Br. [Nicaragua]  
*Lippia alba* f. *intermedia* Mold. [Austria]  
*Premna pyramidata* Wall. [India]  
*Premna tomentosa* Willd. [India]  
*Tectona grandis* f. *canescens* Mold. [Venezuela]  
*Verbena canadensis* (L.) Britton [Florida & Ohio]  
*Vitex agnus-castus* L. [Malawi]  
*Vitex agnus-castus* f. *latifolia* (Mill.) Rehd. [District of Columbia, Florida, & Maryland]  
*Vitex glabrata* R. Br. [India]  
*Vitex negundo* var. *heterophylla* (Franch.) Rehd. [Maryland]  
*Vitex trifolia* var. *subtrisecta* (Kuntze) Mold. [Kwajalein & Rita Islands]

II. Additional and emended rejected names, including misspellings and variations in accreditation

- Acrocephalus* Benth. -- in the *Lamiaceae*  
*Aeghyphyla* Héring = *Aegiphila* Jacq.  
*Aegifila* Angely = *Aegiphila* Jacq.  
*Aegiphila amazonica* Mold. = *A. integrifolia* var. *guyanensis* (Mold.) López-Palacios

- Aegiphila lhotskijana* Cham. = *A. lhotzkiana* Cham.  
*Aegiphila martinicensis* var. *martinicensis* [Jacq.] = *A. martinicensis* Jacq.  
*Aegiphila martiniquensis* Jacq. = *A. martinicensis* Jacq.  
*Aegiphila oblongifolia* Rusby = *A. peruviana* var. *oblongifolia* (Rusby) Mold.\*  
*Aegiphylla* Heringer = *Aegiphila* Jacq.  
*Apata* Ad. = *Avicennia* L.  
*Armeniastrum* Lem. -- in the *Goetziaceae*  
*Avicennia africans* Rollet = *A. africana* P. Beauv.  
*Avicennia tomentosa* ♂ *campechiensis* H.B.K. = *A. germinans* (L.) L.  
*Avicennia tomentosa* ♀ *owarensis* Walp. = *A. africana* P. Beauv.  
*Barbula sinensis* Lour. = *Caryopteris incana* f. *candida* (Schneid.) Hara\*  
*Basistemon brasiliense* Mold. = *Citharexylum brachyanthum* (A. Gray) A. Gray  
*Callicarpa petitandra* Roxb. = *Geunsia furfuracea* (Bakh.) Mclld.  
*Caropecteria* Grindal = *Caryopteris* Bunge  
*Caropecteria* P'ei = *Caryopteris* Bunge  
*Caropecteria glutinosa* Rehd. = *Caryopteris glutinosa* Rehd.  
*Caryopteris foetida* (D. Don) Thell. -- to be deleted  
*Caryopteris foetida* Thell. = *C. foetida* (D. Don) Thellung  
*Caryopteris grata* Benth. = *C. foetida* (D. Don) Thellung  
*Caryopteris grata* Benth. & Hook. = *C. foetida* (D. Don) Thellung  
*Caryopteris grata* Kurz = *C. paniculata* C. B. Clarke  
*Caryopteris incana* f. *candicans* (Schneid.) Hara = *C. incana* f. *candida* (Schneid.) Hara  
*Caryopteris incana candida* Cy. = *C. incana* f. *candida* (Schneid.) Hara  
*Caryopteris incana* var. *nana* (Dreer) Mold. = *C. incana* f. *nana* (Dreer) Mold.  
*Caryopteris incania* Miq. = *C. incana* (Thunb.) Miq.  
*Caryopteris mastacanthus* var. *alba* Bean = *C. incana* f. *candida* (Schneid.) Hara  
*Caryopteris mastacanthus* var. *candicans* Bean = *C. incana* f. *candida* (Schneid.) Hara  
*Caryopteris mastac. candida* Hort. = *C. incana* f. *candida* (Schneid.) Hara  
*Caryopteris odorata* (D. Don) B. L. Robinson = *C. odorata* (Hamilt.) B. L. Robinson  
*Caryopteris paniculatas* P'ei = *C. paniculata* C. B. Clarke  
*Caryopteris parvifolia* Batalin = *Plectranthus parvifolia* (Batalin) W. A. Talbot, *Lamiaceae*  
*Caryopteris rangutica* [Bean] = *C. incana* (Thunb.) Miq.  
*Caryopteris wallichiana* Bunge = *C. odorata* (Hamilt.) B. L. Robinson  
*Caryoptueris* P'ei = *Caryopteris* Bunge  
*Chastanum* Mold. = *Chascanum* E. Mey.  
*Chastanum latifolium* Mold. = *Chascanum latifolium* (Harv.) Mold.  
*Chastanum latifolium* var. *transvaalense* Mold. = *Chascanum latifolium* var. *transvaalense* Mold.  
*Chloanthes steochadis* R. Br. = *C. steochadis* R. Br.

- Citharexylum subserratum* Auct. = *C. spinosum* L.  
*Clerodendron foetidum* D. Don = *Caryopteris foetida* (D. Don) Thellung\*  
*Clerodendron foetidum* Hamilt. = *Caryopteris foetida* (D. Don) Thellung  
*Clerodendron granum* Jameson = *Caryopteris foetida* (D. Don) Thellung\*  
*Clerodendron gratum* Benth. = *Caryopteris foetida* (D. Don) Thellung\*  
*Clerodendron gratum* Wall. = *Caryopteris foetida* (D. Don) Thellung  
*Clerodendron odoratum* Buch.-Ham. = *Caryopteris odorata* (Hamilt.) B. L. Robinson  
*Clerodendron odoratum* Ham. = *Caryopteris odorata* (Hamilt.) B. L. Robinson  
*Clerodendron pithecobium* Standl. & Steyerl. = *Gibsoniothamnus cornutus* (Donn. Sm.) A. Gentry, *Scrophulariaceae*  
*Clerodendrum epiphyticum* Standl. = *Gibsoniothamnus epiphyticum* (Standl.) L. Wms., *Scrophulariaceae*  
*Clerodendrum foetidum* D. Don = *Caryopteris foetida* (D. Don) Thellung\*  
*Clerodendrum granum* Jameson = *Caryopteris foetida* (D. Don) Thellung\*  
*Clerodendrum odoratum* (Ham.) D. Don = *Caryopteris odorata* (Hamilt.) B. L. Robinson  
*Clerodendrum umbellatum* Angely = *C. umbellatum* Poir.  
*Clerodendrum umbellatum* var. *speciosum* Angely = *C. thomscae* f. *speciosum* (Teijsm. & Binn.) Voss  
*Congea tuberosa* Roxb. = *C. tomentosa* Roxb.  
*Cornutia pyramidata* Mold. = *C. pyramidata* L.  
*Cornutia pyramidata* var. *isthmica* Mold. = *C. pyramidata* var. *isthmica* Mold.  
*Cytharexylum macrophyllum* Poir. = *Citharexylum macrophyllum* Poir.  
*Dematha* P. Herm. = *Gmelina* L.  
*Eriocaulon beyrichianum* Sperleder = *Lachnocaulon beyrichianum* Sperleder  
*Eriocaulon cabralense* Alv. Silv. = *E. cabralense* Alv. Silv.  
*Eriocaulon diaguissence* R. Bourdou = *E. sessile* Meikle  
*Eriocaulon elionorum* Shah = *E. minimum* Lam.  
*Eriocaulon fuliginum* C. Wright = *E. fuliginosum* C. Wright  
*Eriocaulon manfeense* Meikle = *E. manfeense* Meikle  
*Eriocaulon melaleucum* Heyne = *E. leucomelas* Steud.  
*Eriocaulon nanellum* var. *laosense* Satake = *E. nepalense* var. *laosense* Satake  
*Eriocaulon palludicola* Alv. Silv. -- to be deleted  
*Eriocaulon paludicola* Alv. Silv. = *E. palludicola* Alv. Silv.  
*Eriocaulon pubigerum* Kunth = *E. pubigerum* Bong.  
*Eriocaulon puzulaefolium* Mart. = *E. luzulaefolium* Mart.  
*Eriocaulon pygmaeum* Soland. ex Smith = *E. pygmaeum* Soland.  
*Eriocaulon sericans* sensu Hooker = *E. infirmum* Steud.  
*Eriocaulon sieboldianum* sensu Hook. = *E. redactum* Ruhl.

- Eriocaulon xeranthemim* Mart. = *E. xeranthemum* Heyne\*  
*Eriocaulon xeranthemum* Mart. = *E. xeranthemum* Heyne\*  
*Eriocaulon xeranthemum* Mart. & Wall. = *E. xeranthemum* Heyne\*  
*Gmelia arborea* Qureshi = *Gmelina arborea* Roxb.  
*Gmelina arborea* var. *arborea* [Roxb.] = *G. arborea* Roxb.  
*Gmelina parvifolia* Sch. = *G. asiatica* L.  
*Gmelina rheedi* Hook. = *G. arborea* f. *juv. dentata* Mold.\*  
*Gmelina rheedii* Hook. = *G. arborea* f. *juv. dentata* Mold.\*  
*Gmelina philippense* Cham. = *Gmelina philippensis* Cham.  
*Gramen junceum chamaemeli capitulis, aphyllis* Herm. = *Eriocaulon*  
*quinquangulare* L.  
*Lantana balansae* f. *albiflora* Mold. = *L. balansae* f. *albiflora*  
 Osten & Mold.  
*Lantana fiebriguii* Hayek = *L. fiebrigii* Hayek  
*Lantana hispida* var. *hispida* [H.B.K.] = *L. hispida* H.B.K.  
*Lantana involucrata* f. *alba* Stehlé = *L. involucrata* f.  
*kuhnholtziana* Stehlé  
*Lantana involucrata* f. *nivea* Stehlé = *L. involucrata* f.  
*kuhnholtziana* Stehlé  
*Lantana languinosa* Mill. = *L. involucrata* var. *odorata* (L.) Mold.  
*Lantana lanuginosa* Mill. = *L. involucrata* var. *odorata* (L.) Mold.  
*Lantana peduncularis* var. *peduncularis* [Anderss.] = *L. peduncu-*  
*laris* Anderss.  
*Lantana rubela* Mold. = *L. rubella* Mold.  
*Leiostrix rufula* L. C. Rich. in Walp. = *L. rufula* (A. St.-  
 Hil.) Ruhl.  
*Lippia macromera* Reis & Lipp = *L. micromera* Schau.  
*Lippia micromelum* Meijer & Sm. = *L. micromera* Schau.  
*Lippia nutan* Rob. & Greenm. = *L. bracteosa* (Mart. & Gal.) Mold.  
*Lippia stoechadiifolia* H.B.K. = *Phyla stoechadifolia* (L.) Small  
*Lycium maderaspatanum indicum alpino putati aemulum, foliis*  
*minoribus (& majoribus) bijugis & grandioribus*  
*aculeis horridum* Pluk. = *Gmelina asiatica* L.  
*Paepalanthus bahiensis* (Bong.) Ruhl. = *P. bahiensis* (Bong.) Kunth  
*Paepalanthus fastigiatus* (Bong.) Ruhl. = *P. fastigiatus* (Bong.)  
 Kunth  
*Paepalanthus lingicaulis* var. *glaber* Mold. = *P. macropodus* var.  
*glaber* (Mold.) Mold.  
*Paepalanthus longicaulis* var. *glaber* Mold. = *P. macropodus* var.  
*glaber* (Mold.) Mold.  
*Paepalanthus plumosus* (Bong.) Ruhl. = *P. plumosus* (Bong.) K&Rn.  
*Paepalanthus polytrichoides* Benth. = *P. polytrichoides* Kunth  
*Paepalanthus polytrichoides* var. *glabra* Mold. = *P. polytrich-*  
*oides* var. *glaber* Mold.  
*Paepalanthus potyanthus* Angely = *P. polyanthus* (Bong.) Kunth  
*Paepalanthus potyanthus* var. *villosus* Angely = *P. polyanthus* f.  
*villosus* (Beauverd) Mold.  
*Paepalanthus pubigerus* Kunth = *Eriocaulon pubigerum* Bong.  
*Paepalanthus riedelianus* (Bong.) Ruhl. = *P. riedelianus* (Bong.)  
 K&Rn.  
*Paepalanthus rigidus* (Bong.) Ruhl. = *P. rigidus* (Bong.) Kunth  
*Paepalanthus saxatilis* (Bong.) Ruhl. = *P. saxatilis* (Bong.) K&Rn.



- Paepalanthus tortilis* (Bong.) Ruhl. = *P. tortilis* (Bong.) Mart.  
*Paepalanthus tuberosus* (Bong.) Ruhl. = *P. tuberosus* (Bong.) Kunth  
*Paepalanthus viliipes* Mold. = *P. villipes* Mold.  
*Petraeovitex philippinensis* Merr. = *P. trifoliata* Merr.  
*Petraeovitex temata* Hall. f. = *P. trifoliata* Merr.  
*Petrea pubescens klugii* Mold. = *P. pubescens* var. *klugii* Mold.  
*Petrea volubilis* Auct. = *P. racemosa* Nees  
*Petrea volubilis* var. *kohautiana* (Presl) Stehlé = *P. kohautiana* Presl  
*Philodice cuyabensis* (Bong.) Ruhl. = *P. cuyabensis* (Bong.) K&rn.  
*Pipalanthus* Kunth = *Paepalanthus* Mart.  
*Pipalanthus pilosus* Kunth = *Paepalanthus pilosus* (H.B.K.) Kunth  
*Pityrodia quadrangularis* Munir = *P. quadrangulata* Munir  
*Premna parvifolia* Roth = *Gmelina asiatica* L.  
*Premna anthopotamia* Hand.-Mazz. = *P. anthopotamica* Hand.-Mazz.  
*Prunus indica sylvestris fructu flavo, pyriforme* Burm. = *Gmelina asiatica* L.  
*Prunus indica sylvestris, fructu flavo pyriformi* Burm. = *Gmelina asiatica* L.  
*Recodia* Mold. = *Recodia* Mold.  
*Rhedera Seymour* = *Rhedera* Mold.  
*Stachytarpheta hybrida* Mold. = *S. hybrida* Mold.  
*Syngonanthus fischerianum* (Bong.) Ruhl. = *S. fischerianus* (Bong.) Ruhl.  
*Syngonanthus nitens* var. *hirtelus* Ruhl. = *S. nitens* var. *hirtulus* Ruhl.  
*Taligalia Robledo* = *Amasonia* L. f.  
*Verbena chacoensis* Mold. = *V. chacensis* Mold.  
*Verbena diffusa* var. *tenuifolia* Barratt = *V. Xengelmannii* Mold.  
*Verbena incarnata* Raf. = *V. urticifolia* f. *incarnata* (Raf.) Mold.  
*Verbena officinalis* var. *halei* (Small) Barber = *V. halei* Small  
*Verbena urticifolia* f. *floribus rubicundis* Willd. = *V. urticifolia* f. *incarnata* (Raf.) Mold.\*  
*Verbena urticifolia* var. *incarnata* (Raf.) Mold. = *V. urticifolia* f. *incarnata* (Raf.) Mold.  
*Vitex altissima* Moench = *V. altissima* L. f.  
*Vitex kurkovii* Mold. = *V. krukovii* Mold.  
*Vitex litoralis* Reis & Lipp = *Verbena litoralis* H.B.K.  
*Vitex pentaphylla* Merr. = *V. glabrata* f. *bombacifolia* (Wall.) Mold.\*  
*Vitex philippinensis* Merr. = *Teijsmanniodendron pteropodum* f. *cristatum* Mold.\*  
*Vitex poara* Corbishley = *V. poara* Corbishley  
*Vitex quinquefoliata* Merr. = *V. glabrata* f. *bombacifolia* (Wall.) Mold.  
*Vitex rotundifolia* var. *heterophylla* (Roxb.) Mak. = *V. quinata* (Lour.) F. N. Will.  
*Vitex rotundifolia* var. *heterophylla* [Roxb.] Mak. = *V. trifolia* var. *subtrisecta* (Kuntze) Mold.  
*Vitex sansibarensis* Vatke = *V. zanzibarensis* Vatke  
*Vitex sexdentata* Wall. = *Caryopteris foetida* (D. Don) Thellung\*

- Vitex sex-dentata* Will. = *Caryopteris foetida* (D. Don) Thellung  
*Vitex trifolia* Vahl = *V. triflora* Vahl  
*Vitex trifolia* sensu Clarke = *V. trifolia* var. *simplicifolia* Cham.  
*Vitex trifolia* var. *trifolia* [L.] = *V. trifolia* L.  
*Volkameria foetida* Buch.-Ham. = *Caryopteris foetida* (D. Don)  
 Thellung\*  
*Volkameria foetida* Hamilt. = *Caryopteris foetida* (D. Don)  
 Thellung\*

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ADDITIONAL NOTES ON THE *ERIOCAULACEAE*. XCII

Harold N. Moldenke

*PAEPALANTHUS BRASILIENSIS* (Mart.) Mart.

Additional bibliography: Mold., *Phytologia* 41: 476. 1979;  
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*PAEPALANTHUS BREVICAULIS* Alv. Silv.

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*PAEPALANTHUS BRUNNESCENS* Ruhl.

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*PAEPALANTHUS BRUNNEUS* Mold.

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